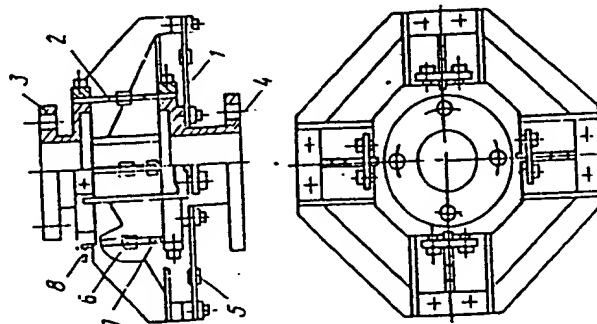


XP30

★ GENE = S02 94-041463/05 ★ SU 1760388-A1.
 Force-moment sensor for measuring loading from equipment - has
 groups of strain-resistors on sensitive elements to record force and
 uses measuring half-bridges to measure six projections
 GENERAL EQUIP CONS BUR 89.12.29 88SU-4706299
 (92.09.07) G01L 1/22

The sensor contains two groups of four sensitive elements (1,2),
 arranged symmetrically relative to the longitudinal axis of the
 sensor and two strain-resistors are placed on each sensitive element
 (1) of the first group. Four strain-resistors are placed on the centre



faces of elements (2) of the second group and strain-resistors are
 also fixed in pairs on the end of each element (2), while thermo-
 compensation strain-resistors are set on the force-receiving flanges
 (3,4).

USE/ADVANTAGE - For measuring of force and moments.
 Better accuracy. Bul.33/7.9.92 (5pp Dwg.No.1/3)
 N94-032734

S02-F01C